

ABSTRACT OF THE DISCLOSURE

An artificial hip joint is provided including a generally hemispherical acetabular cup with a generally hemispherical liner mated within the acetabular cup and with a locking ring to secure the liner within the acetabular cup. The acetabular cup is adapted to be secured within a hip bone. The liner includes a hemispherical inside surface for pivotably supporting a head at an upper end of a femur. The locking ring resides within an annular groove in the acetabular cup and an annular seat in the liner. The locking ring includes a captured end and a free end. The captured end includes a slot which cooperates with a post in the acetabular cup to slidably hold the captured end to the acetabular cup. The locking ring removably attaches the liner to the acetabular cup.